SONY

# VGN-NS330J/W

VAIO® NS Notebook PC

## Everyday computing delivered in style

### EVERYDAY PC PERFORMANCE

Enjoy the powerful performance of an Intel® Pentium® T4200 processor (2.0GHz[1]) with 4GB of pre-installed memory.

The VAIO NS notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit[14].

Work and play online within your home or office using 802.11b/g/n integrated wireless LAN technology[3].

Store your cherished digial family photos, school projects and important documents on the roomy 320GB[2] (5400rpm) Serial ATA hard disk drive .

### MULTIMEDIA ENTERTAINMENT

A 15.4"[4] widescreen display, with XBRITE-ECO™ LCD technology, delivers razor-sharp details and bold colors while perserving precious battery power.

Communicate with family, friends and colleagues using the built-in webcam[11].

Ediiting digital video and images is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

### STYLISH YET FUNCTIONAL DESIGN

Clean lines, textured exterior, a vibrant Silk White hue and an aesthetic yet functional design give this notebook a very contemporary look and feel.

Connect to useful peripherals with 4 conveniently located USB ports.

The 15.4"[4] VAIO® NS notebook exemplifies contemporary style in an easy-to-handle mobile PC. With such great performance features as an available Intel® Core™ 2 Duo processor, built-in webcam[11] and 4GB of RAM, the VAIO NS notebook is a great PC for all your day-to-day computing and entertainment endeavors.

Look for Intel Inside

Windows Vista Home Premium

XBRITE-ECO™

dlna CERTIFIED

ENERGY STAR

VAIO

# VGN-NS330J/W

## VAIO® NS Notebook PC

## Specifications

### General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: AV Mode, Mute
Pointing Device: Electro-static touch pad

### Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch
Camera: Built-in MOTION EYE® camera and microphone

### Processor

Type: Intel® Pentium® Processor T4200
Speed: 2.0GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 1MB

### Memory

Type: DDR2
Installed: 4GB PC2-6400 (2GBx2)
Maximum: 8GB
Speed: 800MHz

### Hard Drive

Capacity: 320GB[2]
Speed: 5400rpm
Type: Serial ATA

### Optical Drive

CD Support: Read / Write (CD-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

### Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® functionality
One ExpressCard® / 34 media slot
One Secure Digital (SD memory card) media slot

### Audio

Sound System: Intel® High Definition Audio

### Display

Screen Size: 15.4"[4]
Resolution: 1280 x 800 (WXGA)
XBRITE-ECO™ Technology: Yes

### Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology. Total Available Graphics Memory of 1750MB (max.)[15]
Chipset: Intel® GM45 Express Chipset
Max. External Resolution via VGA: 2048 x 1536

### Inputs and Outputs

Modem Jack: 1
Microphone Input: 1
USB Port(s): 4 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]
Ethernet Connection (s): 1

### Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/B)
Estimated Battery Life: Up to 4.0 hours[8] Standard Capacity Battery
Up to 6.5 hours[8] Large Capacity Battery
Power Requirements: 95W + 10%

### Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
Ethernet Speed: Fast Ethernet (RJ-45)
Wi-Fi: Atheros 802.11 b/g/n Wireless Network Connection[3]
Modem Type: Integrated V.92/V.90 Modem (RJ-11)

### Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit[17]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[12]
The VAIO® Software Experience: VAIO® Startup Assistant
VAIO® Care
VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Anti-Virus Software: Norton Internet Security™ 2009 30-Day Trial Offer[13]

### Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[9]. See actual warranty for details.

### Environmental Information

RoHS®: Compliant
ENERGY STAR®: 5.0

### Dimensions

Weight: 6.4 lbs[7] (with standard battery)
Measurements: 14.18"(W) x 1.24-1.5"(H) x 10.63"(D)[5,6]

### Supplied Accessories

Standard Capacity Lithium-ion Battery (VGP-BPS13/B)
AC Adapter
Power Cord

### Optional Accessories

Large Capacity Battery (VGP-BPL13)
Additional Standard Capacity Lithium-ion Battery (VGP-BPS13A/B)
Stick AC Adapter (VGP-AC19V30)
USB Laser Mouse(VGP-UMS55/SJ)
USB Portable Speaker (VGP-USP1)
Neoprene Notebook and AC Adapter Case (VGP-AMC3)
Notebook Backpack (VGP-CCP3/H)

Color: Silk White
UPC Code: 027242770157

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
11. Broadband Internet service required along with third party services which may require a subscription or other service fee.
12. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you don't activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
13. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. You can activate in the Sony VAIO Startup Assistant or by double clicking the Norton Internet Security icon on your desktop. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
14. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
15. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
©2009 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Sony logo, VAIO, VAIO logo, XBRITE-ECO, MagicGate, MOTION EYE, Memory Stick PRO and i.LINK are trademarks of Sony in the U.S. and in other countries. Microsoft and Windows Vista are trademarks of the Microsoft Corporation in the U.S. and in other countries. Intel and Pentium are trademarks of the Intel Corporation in the U.S. and in other countries. Symantec, the Symantec Logo, and Norton Internet Security are trademarks or registered trademarks of Symantec Corporation or its affiliates in the U.S. and other countries. All other trademarks are trademarks of their respective owners.
Printed in U.S.A. 03/09.